(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 12 May 2005 (12.05.2005)

PCT

(10) International Publication Number WO 2005/042849 A1

(51) International Patent Classification7:

E01C 23/04

(21) International Application Number:

PCT/AU2004/001504

(22) International Filing Date: 29 October 2004 (29.10.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 2003906049

31 October 2003 (31.10.2003) AU

(71) Applicant and

(72) Inventor: BEYERS, Leonard, Francis [AU/AU]; 12 Evesham Court, Baulkham Hills, Sydney, New South Wales 2153 (AU).

(74) Agent: FREEHILLS CARTER SMITH BEADLE; Level 32 MLC Centre, Martin Place, Sydney, New South Wales 2000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

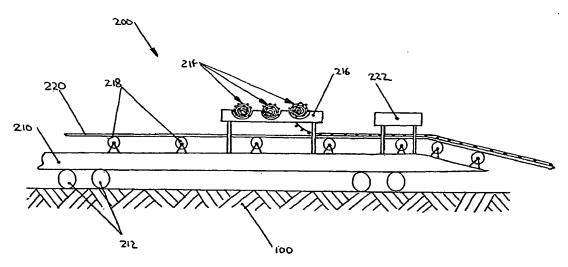
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS FOR LAYING REINFORCING BARS



(57) Abstract: A method and apparatus for assembling and depositing a reinforcement mesh on a prepared surface, wherein a mobile workstation is provided which includes an elevated support arrangement, the workstation being moveable in a first direction. The workstation includes a series of longitudinal reinforcement rods on or above said support arrangement, said longitudinal reinforcement bars being spaced apart and aligned generally parallel to said first direction. A roll of transverse reinforcing rods is supported on said workstation and adapted to be unrolled to form a series of spaced apart reinforcement rods aligned generally transverse to said first direction. The transverse rods are connected to at least one of said longitudinal rods to form an orthogonal reinforcement mesh on said mobile workstation and as the workstation in said first direction, said mesh is deposited on said prepared surface.

05/042840 A1